

✓  
Page 34, line 16: please replace "stimulate hair growth" with

a' ~~At~~treat a vision disorder, improve vision, treat memory impairment,  
and enhance memory performance in an animal~~A~~.

Page 42, line 4: please replace "cycloakyl" with --  
cycloalkyl--.

✓  
Page 43, line 6: please replace "pharmeceutical" with --  
pharmaceutical--.

✓  
Page 47, line 14: please replace "silic" with --silica--.

✓  
Page 66, line 2: please replace "demonstate" with --  
demonstrate--.

✓  
Page 74, last line of text: please replace "TABLE V" with --  
TABLE VIII--.

✓  
Page 75, last line of text: please replace "TABLE V" with --  
TABLE VIII--.

✓  
Page 76, line 31: please replace "immunohistochemisty" with --  
immunohistochemistry--.

✓  
Page 82, line 3: please replace "watercolour" with --  
watercolor--.

IN THE CLAIMS

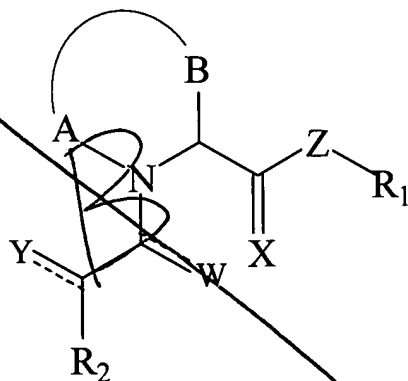
✓  
Please cancel claims 12-20 without prejudice or disclaimer to  
the subject matter described therein.

Claim 1, page 88, line 7, please add --compound-- following  
"amide".

2. (Once amended) The method of claim 1, wherein the  
[heterocyclic ester or amide] compound is immunosuppressive [or  
non-immunosuppressive].

3. (Once amended) The method of claim 1, wherein the  
[heterocyclic ester or amide] compound has an affinity for an FKBP-  
type immunophilin.

7 The method of claim 1, wherein the [heterocyclic ester or  
amide is a] compound is of formula I



I

or a pharmaceutically acceptable salt, ester, or solvate thereof,  
wherein:

A and B, together with the nitrogen and carbon atoms to which

they are respectively attached, form a 5-7 membered saturated or unsaturated heterocyclic ring containing, in addition to the nitrogen atom, one or more additional O, S, SO, SO<sub>2</sub>, N, NH, or NR<sub>1</sub> heteroatom;

X is O or S;

Z is O, NH, NR<sub>1</sub>, or a bond

W and Y are independently O, S, CH<sub>2</sub>, or H<sub>2</sub>;

R<sub>1</sub> is C<sub>1</sub>-C<sub>6</sub> straight or branched chain alkyl or C<sub>2</sub>-C<sub>6</sub> straight or branched chain alkenyl, which is substituted with one or more substituent(s) independently selected in one or more position(s) with (Ar<sub>1</sub>)<sub>n</sub>, C<sub>1</sub>-C<sub>6</sub> straight or branched chain alkyl or C<sub>2</sub>-C<sub>6</sub> straight or branched chain alkenyl substituted with (Ar<sub>1</sub>)<sub>n</sub>, C<sub>3</sub>-C<sub>8</sub> cycloalkyl, C<sub>1</sub>-C<sub>6</sub> straight or branched chain alkyl or C<sub>2</sub>-C<sub>6</sub> straight or branched chain alkenyl substituted with C<sub>3</sub>-C<sub>8</sub> cycloalkyl, and Ar<sub>2</sub>;

n is 1 or 2;

R<sub>2</sub> is either C<sub>1</sub>-C<sub>9</sub> straight or branched chain alkyl, C<sub>2</sub>-C<sub>9</sub> straight or branched chain alkenyl, C<sub>3</sub>-C<sub>8</sub> cycloalkyl, C<sub>5</sub>-C<sub>7</sub> cycloalkenyl or Ar<sub>1</sub>, wherein said alkyl, alkenyl, cycloalkyl or cycloalkenyl is either unsubstituted or substituted with one or more substituent(s) independently selected from the group consisting of C<sub>1</sub>-C<sub>4</sub> straight or branched chain alkyl, C<sub>2</sub>-C<sub>4</sub> straight or branched chain alkenyl, and hydroxy; and

Ar<sub>1</sub> and Ar<sub>2</sub> are independently an alicyclic or aromatic, mono-,